

## MESD Knockout cell line (HCT 116)

**Catalog Number:** KO29746

Product Information	
Product Name	MESD Knockout cell line (HCT 116)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	MESD
Gene ID	23184
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: MESD Knockout cell line (HCT 116) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	mesoderm development LRP chaperoneprovided by HGNC
Also known as	BOCA; OI20; MESDC2
Gene Description	Predicted to enable low-density lipoprotein particle receptor binding activity. Involved in ossification and protein folding. Located in endoplasmic reticulum. Implicated in osteogenesis imperfecta type 20. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in thyroid (RPKM 16.9), placenta (RPKM 10.6) and 25 other tissues See more